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TERMINAL (ENTER 1, 2, 3, OR ?):2

| | |
|---------|--|
| NEWS 1 | Web Page for STN Seminar Schedule - N. America |
| NEWS 2 | AUG 15 CAOLD to be discontinued on December 31, 2008 |
| NEWS 3 | OCT 07 EPFULL enhanced with full implementation of EPC2000 |
| NEWS 4 | OCT 07 Multiple databases enhanced for more flexible patent number searching |
| NEWS 5 | OCT 22 Current-awareness alert (SDI) setup and editing enhanced |
| NEWS 6 | OCT 22 WPIDS, WPIINDEX, and WPIX enhanced with Canadian PCT Applications |
| NEWS 7 | OCT 24 CHEMLIST enhanced with intermediate list of pre-registered REACH substances |
| NEWS 8 | NOV 21 CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present |
| NEWS 9 | NOV 26 MARPAT enhanced with FSORT command |
| NEWS 10 | NOV 26 MEDLINE year-end processing temporarily halts availability of new fully-indexed citations |
| NEWS 11 | NOV 26 CHEMSAFE now available on STN Easy |
| NEWS 12 | NOV 26 Two new SET commands increase convenience of STN searching |
| NEWS 13 | DEC 01 ChemPort single article sales feature unavailable |
| NEWS 14 | DEC 12 GBFULL now offers single source for full-text coverage of complete UK patent families |
| NEWS 15 | DEC 17 Fifty-one pharmaceutical ingredients added to PS |

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 10:14:38 ON 30 DEC 2008

=> file reg
COST IN U.S. DOLLARS

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 10:15:31 ON 30 DEC 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 29 DEC 2008 HIGHEST RN 1091682-77-7
DICTIONARY FILE UPDATES: 29 DEC 2008 HIGHEST RN 1091682-77-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

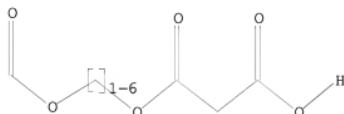
REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary
files\10531382\10531382 carboxyloxyalkyl esters.str

L1 STRUCTURE uploaded

=> d 11
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> search 11 sss sam
SAMPLE SEARCH INITIATED 10:16:33 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1768 TO ITERATE

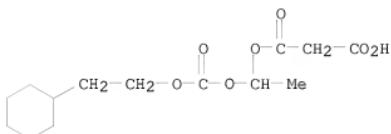
100.0% PROCESSED 1768 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 32838 TO 37882
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> d scan

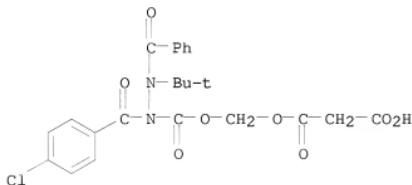
L2 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[1-[(2-cyclohexylethoxy)carbonyl]oxy]ethyl ester
MF C14 H22 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L2 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[[[2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-dimethylethyl)hydrazinyl]carbonyl]oxy]methyl ester
MF C23 H23 Cl N2 O8
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> search l1 sss full
FULL SEARCH INITIATED 10:17:23 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 34586 TO ITERATE

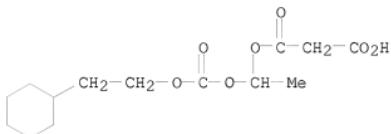
100.0% PROCESSED 34586 ITERATIONS
SEARCH TIME: 00.00.01

40 ANSWERS

L3 40 SEA SSS FUL L1

=> d scan

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[1-[(2-cyclohexylethoxy)carbonyl]oxy]ethyl ester
MF C14 H22 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):40

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2-Propenoic acid, 2-methyl-, tridecyl ester, polymer with dodecyl
2-propenoate and 2-hydroxyethyl 2-propenoate,
2-[(1-oxo-2-propenyl)oxylethyl propanedioate (9CI)
MF (C17 H32 O2 . C15 H28 O2 . C5 H8 O3)x . x C8 H10 O6

CM 1

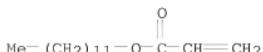


CM 2

CM 3



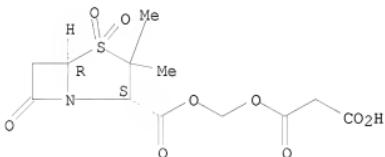
CM 4





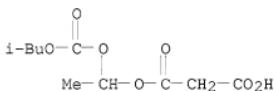
L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanedioic acid, mono[[(3,3-dimethyl-4,4-dioxido-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl)carbonyloxy]methyl] ester, sodium salt,
 (2S-cis)- (9CI)
 MF C12 H15 N O9 S . Na

Absolute stereochemistry.



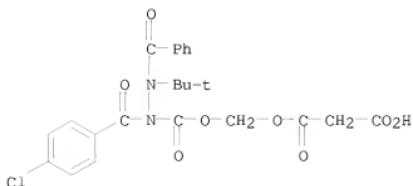
● Na

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanedioic acid, 1-[1-[(2-methylpropoxy)carbonyl]oxy]ethyl ester
 MF C10 H16 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

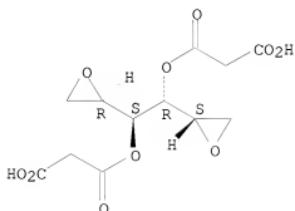
L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanedioic acid, 1-[[[2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-dimethylethyl)hydrazinyl]carbonyloxy]methyl] ester
 MF C23 H23 Cl N2 O8
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

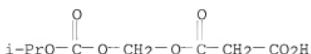
L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Galactitol, 1,2:5,6-dianhydro-, bis(hydrogen propanedioate) (9CI)
 MF C12 H14 O10

Relative stereochemistry.



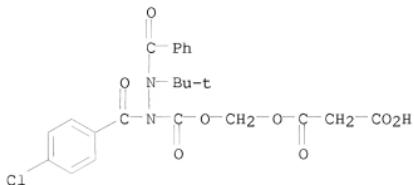
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanedioic acid, 1-[[[(1-methylethoxy)carbonyl]oxy]methyl] ester
 MF C8 H12 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[{[(2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-dimethylethyl)hydrazinyl]carbonyl}oxy]methyl] ester, sodium salt (1:1)
MF C23 H23 Cl N2 O8 . Na

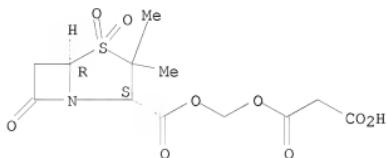


Cl

● Na

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, mono{[(3,3-dimethyl-4,4-dioxido-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl)carbonyl]oxy)methyl] ester, (2S-cis)- (9CI)
MF C12 H15 N O9 S
CI COM

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

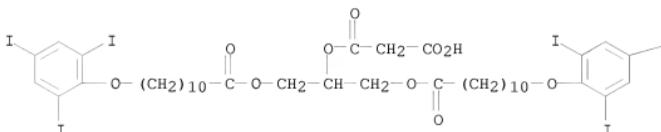
L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[{(3-methylbutoxy)carbonyl}oxy]methyl] ester
MF C10 H16 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[2-[(1-oxo-11-(2,4,6-triiodophenoxy)undecyl)oxy]-1-
[[1-oxo-11-(2,4,6-triiodophenoxy)undecyl]oxy]methyl]ethyl ester
MF C40 H52 I6 O10

PAGE 1-A

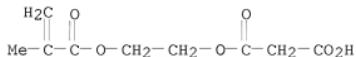


PAGE 1-B

- I

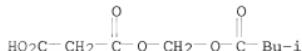
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl] ester
MF C9 H12 O6
CI COM



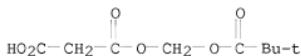
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[(3-methyl-1-oxobutoxy)methyl] ester
MF C9 H14 O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

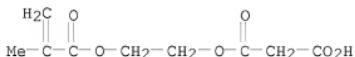
L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[(2,2-dimethyl-1-oxoproxy)methyl] ester
MF C9 H14 O6



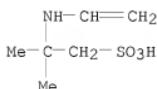
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, mono[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester,
polymer with 2-(ethenylamino)-2-methyl-1-propanesulfonic acid and methyl
2-propenoate (9CI)
MF (C9 H12 O6 . C6 H13 N O3 S . C4 H6 O2)x
CI PMS

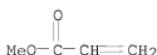
CM 1



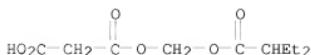
CM 2



CM 3

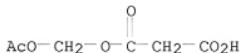


L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[(2-ethyl-1-oxobutoxy)methyl] ester
MF C10 H16 O6



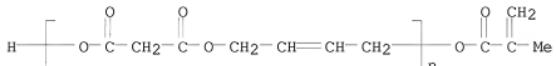
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanedioic acid, 1-[(acetoxy)methyl] ester
 MF C6 H8 O6



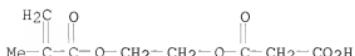
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Poly[oxy(1,3-dioxo-1,3-propanediyl)oxy-2-butene-1,4-diyl],
 α -hydro- ω -[(2-methyl-1-oxo-2-propenyl)oxy]- (9CI)
 MF (C7 H8 O4)n C4 H6 O2
 CI PMS, COM



L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanedioic acid, mono[2-[(2-methyl-1-oxo-2-propenyl)oxylethyl] ester,
 polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate) and methyl
 2-methyl-2-propenoate (9CI)
 MF (C10 H14 O4 . C9 H12 O6 . C5 H8 O2)x
 CI PMS

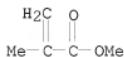
CM 1



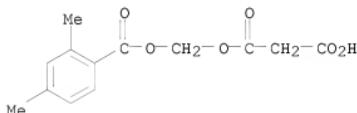
CM 2



CM 3



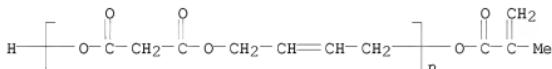
L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanedioic acid, 1-[(2,4-dimethylbenzoyl)oxy]methyl ester
 MF C13 H14 O6



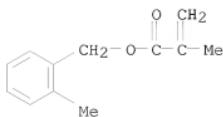
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, (2-methylphenyl)methyl ester, polymer with
 α-hydro-ω-[(2-methyl-1-oxo-2-propenyl)oxyl]poly[oxy(1,3-dioxo-
 1,3-propanediyl)oxy-2-butene-1,4-diyl] (9CI)
 MF (C12 H14 O2 . (C7 H8 O4)n C4 H6 O2)x
 CI PMS

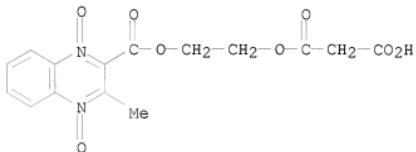
CM 1



CM 2

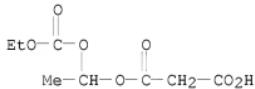


L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[2-[(3-methyl-1,4-dioxido-2-
quinoxalinyl)carbonyl]oxy]ethyl ester
MF C15 H14 N2 O8
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

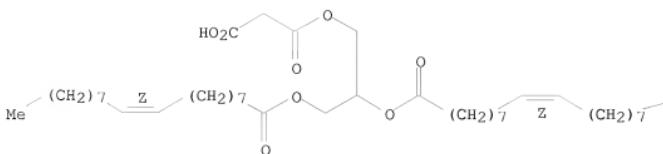
L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[1-[(ethoxycarbonyl)oxy]ethyl] ester
ME C8 H12 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[2,3-bis[(9Z)-1-oxo-9-octadecen-1-yl]oxy]propyl ester
MF C42 H74 O8

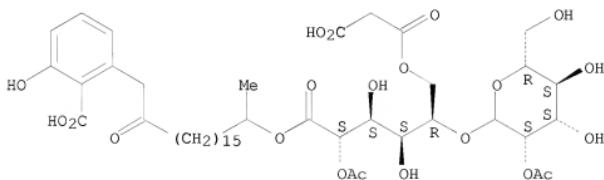
Double bond geometry as shown.

—Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

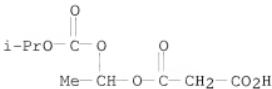
L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN D-Mannonic acid, 5-O-(2-O-acetyl-D-mannopyranosyl)-,
 18-(2-carboxy-3-hydroxyphenyl)-1-methyl-17-oxooctadecyl ester, 2-acetate
 6-(hydrogen propanedioate)
 MF C45 H68 O21

Absolute stereochemistry. Rotation (-).
 Currently available stereo shown.



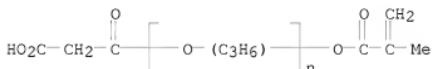
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanoic acid, 1-[1-[(1-methylethoxy)carbonyl]oxy]ethyl] ester
 MF C9 H14 O7

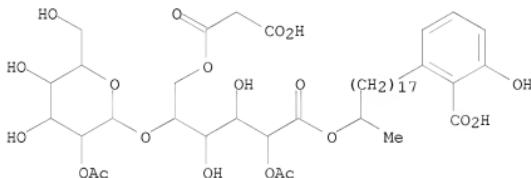


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Poly[oxy(methyl-1,2-ethanediyl)], α -(carboxyacetyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]- (9CI)
 MF (C3 H6 O)n C7 H8 O5
 CI IDS, PMS, COM

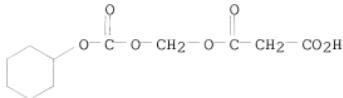


L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Hexonic acid, 5-O-(2-O-acetylhexopyranosyl)-,
 18-(2-carboxy-3-hydroxyphenyl)-1-methioctadecyl ester, 2-acetate
 6-(hydrogen propanedioate) (9CI)
 MF C45 H70 O20



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

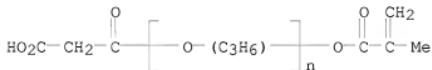
L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanedioic acid, 1-[[[(cyclohexyloxy)carbonyl]oxy]methyl] ester
 MF C11 H16 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Poly[oxy(methyl-1,2-ethanediyl)], α -(carboxyacetyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]-, polymer with ethenylbenzene (9CI)
 MF (C8 H8 . (C3 H6 O)n C7 H8 O5)x
 CI PMS

CM 1

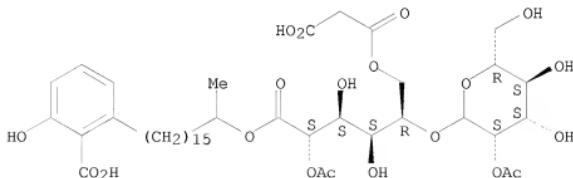


CM 2



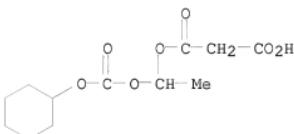
L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN D-Mannonic acid, 5-O-(2-O-acetyl-D-mannopyranosyl)-, 16-(2-carboxy-3-hydroxyphenyl)-1-methylhexadecyl ester, 2-acetate 6-(hydrogen propanedioate)
 MF C43 H66 O20

Absolute stereochemistry. Rotation (-).
 Currently available stereo shown.



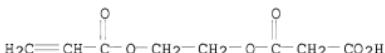
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[1-[(cyclohexyloxy)carbonyl]oxy]ethyl ester
MF C12 H18 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

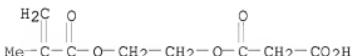
L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[2-[(1-oxo-2-propenyl)oxy]ethyl] ester
MF C8 H10 O6
CI COM



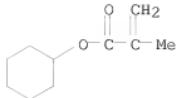
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester,
polymer with cyclohexyl 2-methyl-2-propenoate and methyl
2-methyl-2-propenoate
MF (C10 H16 O2 . C9 H12 O6 . C5 H8 O2)x
CI PMS

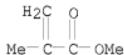
CM 1



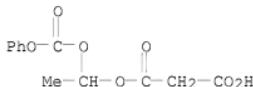
CM 2



CM 3



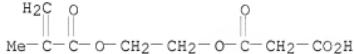
L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[1-[(phenoxy carbonyl)oxy]ethyl] ester
ME C12 H12 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

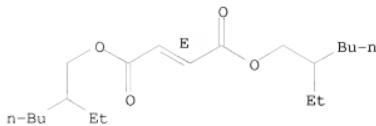
L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2-Butenedioic acid (2E)-, bis(2-ethylhexyl) ester, polymer with
ethenylbenzene, 2,5-furandione and 2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl
hydrogen propanedioate (9CI)
MF (C20 H36 O4 . C9 H12 O6 . C8 H8 . C4 H2 O3)x
CI PMS

CM 1



CM 2

Double bond geometry as shown.



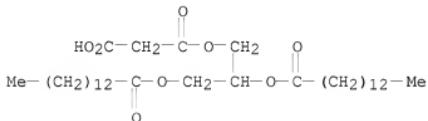
CM 3



CM 4

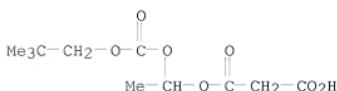


L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanedioic acid, 1-[2,3-bis[(1-oxotetradecyl)oxy]propyl] ester
 MF C34 H62 O8



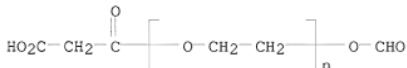
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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 MF C11 H18 O7

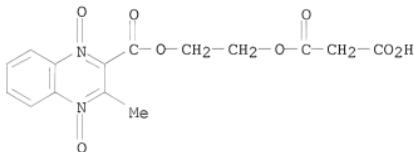


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Poly(oxy-1,2-ethanediyl), α -(carboxyacetyl)- ω -(formyloxy)-
(9CI)
MF (C2 H4 O)n C4 H4 O5
CI PMS



L3 40 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[2-[(3-methyl-1,4-dioxido-2-
quinoxalinyl)carbonyloxy]ethyl] ester, sodium salt (1:1)
MF C15 H14 N2 O8 . Na



● Na

ALL ANSWERS HAVE BEEN SCANNED

| => file caplus | SINCE FILE | TOTAL |
|----------------------|------------|---------|
| COST IN U.S. DOLLARS | ENTRY | SESSION |
| FULL ESTIMATED COST | 181.12 | 181.54 |

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FILE COVERS 1907 - 30 Dec 2008 VOL 150 ISS 1
FILE LAST UPDATED: 29 Dec 2008 (20081229/ED)

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=> 13
L4 26 L3

=> save temp l4 alonrefs
ALONREFS IS NOT A VALID SAVED NAME
Enter the name you wish to use for the saved query,
answer set, or L-number list. The name must:
1. Begin with a letter,
2. Have 1-12 characters,
3. Contain only letters (A-Z) and numbers (0-9),
4. End with /Q for a query (search profile,
structure, or screen set), /A for an answer
set, or /L for an L-number list.
5. Not already be in use as a saved name,
6. Not be END, SAV, SAVE, SAVED
7. Not have the form of an L-number (Lnnn).
ENTER NAME OR (END):end

=> save temp l4 malonrefs/a
ANSWER SET L4 HAS BEEN SAVED AS 'MALONREFS/A'

=> file reg
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 1.92 183.46

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STRUCTURE FILE UPDATES: 29 DEC 2008 HIGHEST RN 1091682-77-7
DICTIONARY FILE UPDATES: 29 DEC 2008 HIGHEST RN 1091682-77-7

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TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

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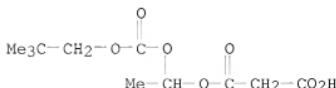
<http://www.cas.org/support/stngen/stndoc/properties.html>

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                  -((9-OXO-9H-FLUOREN-4-YL)OXY)ETHYL) 3-ETHYL ESTER/CN
E2           1      PROPANEDIOIC ACID, 1-(1-(((1-METHYLETHOX)CARBONYL)OXY)ETHYL)
                  ) ESTER/CN
E3           1 --> PROPANEDIOIC ACID, 1-(1-(((2,2-DIMETHYLPROPOXY)CARBONYL)OXY)
                  ETHYL) ESTER/CN
E4           1      PROPANEDIOIC ACID, 1-(1-(((2-CYCLOHEXYLETHOX)CARBONYL)OXY)ETHYL)
                  ESTER/CN
E5           1      PROPANEDIOIC ACID, 1-(1-(((2-METHYLPROPOXY)CARBONYL)OXY)ETHYL)
                  ESTER/CN
E6           1      PROPANEDIOIC ACID, 1-(1-((CYCLOHEXYLOXY)CARBONYL)OXY)ETHYL)
                  ESTER/CN
E7           1      PROPANEDIOIC ACID, 1-(1-((1,1-DIMETHYLETHOX)CARBONYL)-4-PIP
                  ERIDINYL) ESTER/CN
E8           1      PROPANEDIOIC ACID, 1-(1-((3,4-DIMETHOXYPHENYL)METHYL)-2-METH
                  OXY-2-OXOETHYL) ESTER/CN
E9           1      PROPANEDIOIC ACID, 1-(1-((DIETHYLAMINO)METHYL)-2-PHENOXYETHYL)
                  ESTER/CN
E10          1      PROPANEDIOIC ACID, 1-(1-((ETHOXCARBONYL)OXY)ETHYL) ESTER/CN
E11          1      PROPANEDIOIC ACID, 1-(1-((PHENOXYCARBONYL)OXY)ETHYL) ESTER/CN
E12          1      PROPANEDIOIC ACID, 1-(1-(1,1-BIPHENYL)-4-YLPENTYL) ESTER/CN

=> e3
L5           1 "PROPANEDIOIC ACID, 1-(1-(((2,2-DIMETHYLPROPOXY)CARBONYL)OXY)ETHYL) ESTER"/CN

=> d 15
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L5   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2008 ACS on STN
RN   683251-37-8  REGISTRY
ED   Entered STN: 19 May 2004
CN   Propanedioic acid, 1-[1-[(2,2-dimethylpropoxy)carbonyl]oxy]ethyl]
      ester (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Propanedioic acid, mono[1-[(2,2-dimethylpropoxy)carbonyl]oxy]ethyl] ester
      (9CI)
MF   C11 H18 O7
SR   CA
LC   STN Files:  CA, CAPLUS
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS

| | SINCE FILE ENTRY | TOTAL SESSION |
|---------------------|------------------|---------------|
| FULL ESTIMATED COST | 8.99 | 192.45 |

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FILE LAST UPDATED: 29 Dec 2008 (20081229/ED)

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=> d 16 ti fib abs
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L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
TI Process for preparation of malonic acid monoesters
AN 2004:354912 CAPLUS <>LOGINID::20081230>
DN 140:374903
TI Process for preparation of malonic acid monoesters
IN Sawabe, Takehiko; Aihara, Kazuhiro; Atsumi, Kunio; Ajito, Keiichi
PA Meiji Seika Kaisha, Ltd., Japan
SO PCT Int. Appl., 41 pp.
SEARCHED INDEXED

CODEN: PIXXDZ
DT Patent
LA Japanese
FAN.CNT 2

| PATENT NO. | | KIND | DATE | APPLICATION NO. | DATE |
|------------|--|------|----------|-----------------|----------|
| PI | WO 2004035540 | A1 | 20040429 | WO 2003-JP13319 | 20031017 |
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| | |
|---|----------------------------|
| LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | |
| | JP 2002-304630 A 20021018 |
| | JP 2003-50293 A 20030227 |
| AU 2003301426 A1 20040504 | AU 2003-301426 20031017 |
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| EP 1561748 A1 20050810 EP 2003-756680 20031017 | |
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| | JP 2002-304630 A 20021018 |
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| | WO 2003-JP13319 W 20031017 |
| US 20050272950 A1 20051208 US 2005-531382 20050415 | |
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| | JP 2003-50293 A 20030227 |
| | WO 2003-JP13319 W 20031017 |

PATENT FAMILY INFORMATION:

FAN 2004:354911

| PI | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI | WO 2004035539 | A1 | 20040429 | WO 2003-JP13318 | 20031017 |
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| | JP 2002-304630 A 20021018 | | | | |
| | WO 2003-JP13318 W 20031017 | | | | |

OS MARPAT 140:374903

AB This invention pertains to a method for producing malonic acid monoesters with general formula of HO₂CCH₂CO₂R [where R = a group which is easily hydrolyzed in vivo] or salts, which comprises reacting malonic acid with a halide in the presence of a base. For example, acetoxyethyl bromide was reacted with malonic acid in THF in the presence of N,N-diisopropylethylamine to give malonic acid mono-acetoxyethyl ester. This invention provides a method to make malonic acid monoesters with low cost.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> sel 15 rn

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An answer set can be processed to create terms only
in the same file in which it was created.

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E1 THROUGH E44 ASSIGNED

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COST IN U.S. DOLLARS                               SINCE FILE      TOTAL
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FULL ESTIMATED COST                           11.97       204.42

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)      SINCE FILE      TOTAL
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<http://www.cas.org/support/stndgen/stndoc/properties.html>

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 95775-10-3/BI OR 98298-66-9/BI OR 99464-83-2/BI)

=> d his

(FILE 'HOME' ENTERED AT 10:14:38 ON 30 DEC 2008)

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 L2 2 SEARCH L1 SSS SAM
 L3 40 SEARCH L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 10:19:51 ON 30 DEC 2008

L4 26 L3
 SAVE TEMP L4 MALONREFS/A

FILE 'REGISTRY' ENTERED AT 10:22:15 ON 30 DEC 2008

E PROPANEDIOIC ACID, 1-(1-(((2,2-DIMETHYLPROPOXY)CARBONYL)OXY)E
 L5 1 E3

FILE 'CAPLUS' ENTERED AT 10:24:34 ON 30 DEC 2008

L6 1 L5
 SEL L6 RN

FILE 'REGISTRY' ENTERED AT 10:26:51 ON 30 DEC 2008

L7 44 S E1-E44

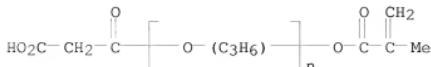
=> l3 not l7

L8 25 L3 NOT L7

=> d scan

L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Poly[oxy(methyl-1,2-ethanediyl)], α -(carboxyacetyl)- ω -[(2-
 methyl-1-oxo-2-propenyl)oxy]-, polymer with ethenylbenzene (9CI)
 MF (C8 H8 . (C3 H6 O)n C7 H8 O5)x
 CI PMS

CM 1



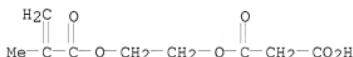
CM 2



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):25

L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, mono[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester,
polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate) and methyl
2-methyl-2-propenoate (9CI)
MF (C10 H14 O4 . C9 H12 O6 . C5 H8 O2)x
CI PMS

CM 1



CM 2

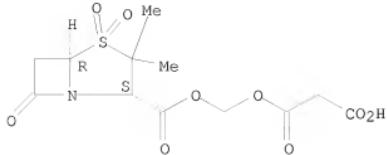


CM 3



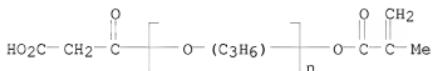
L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, mono[[[(3,3-dimethyl-4,4-dioxido-7-oxo-4-thia-1-
azabicyclo[3.2.0]hept-2-yl)carbonyl]oxy]methyl] ester, sodium salt,
(2S-cis)- (9CI)
MF C12 H15 N O9 S . Na

Absolute stereochemistry.



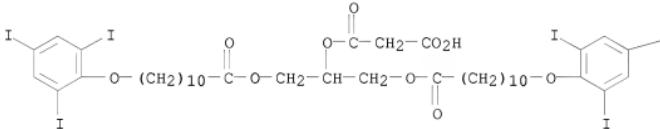
● Na

L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Poly[oxy(methyl-1,2-ethanediyl)], α -(carboxyacetyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]- (9CI)
 MF (C₃ H₆ O)n C₇ H₈ O₅
 CI IDS, PMS, COM



L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanedioic acid, 1-[2-[[1-oxo-11-(2,4,6-triiodophenoxy)undecyl]oxy]-1-[[[1-oxo-11-(2,4,6-triiodophenoxy)undecyl]oxy]methyl]ethyl] ester
 MF C₄₀ H₅₂ I₆ O₁₀

PAGE 1-A

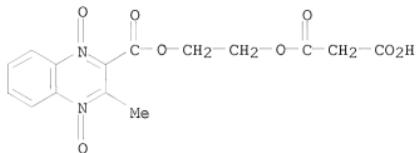


PAGE 1-B

— I

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[2-[(3-methyl-1,4-dioxido-2-
quinoxalinyl)carbonyloxy]ethyl] ester, sodium salt (1:1)
MF C15 H14 N2 O8 . Na

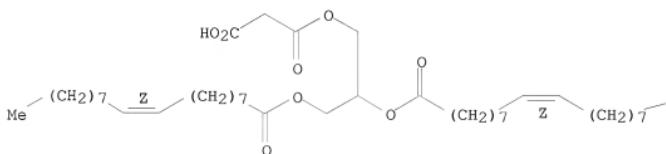


● Na

L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[2,3-bis[(9Z)-1-oxo-9-octadecen-1-yl]oxy]propyl
ester
MF C42 H74 O8

Double bond geometry as shown.

PAGE 1-A

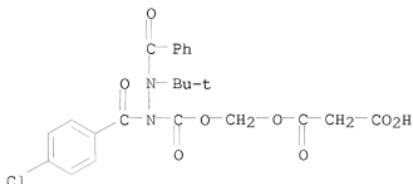


PAGE 1-B

—Me

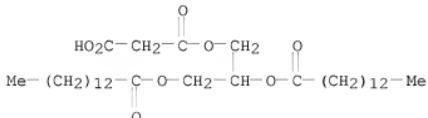
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[{[2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-dimethylethyl)hydrazinyl]carbonyl}oxy]methyl ester, sodium salt (1:1)
MF C23 H23 Cl N2 O8 . Na



● Na

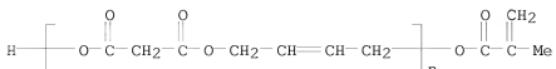
L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[2,3-bis[(1-oxotetradecyl)oxy]propyl] ester
MF C34 H62 O8



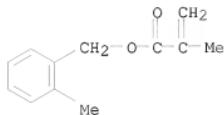
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2-Propenoic acid, 2-methyl-, (2-methylphenyl)methyl ester, polymer with
α-hydro-ω-[(2-methyl-1-oxo-2-propenyl)oxy]poly[oxy(1,3-dioxo-
1,3-propanediyl)oxy-2-butene-1,4-diyl] (9CI)
MF (C12 H14 O2 . (C7 H8 O4)n C4 H6 O2)x
CI PMS

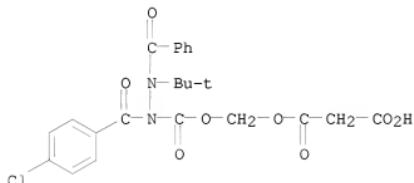
CM 1



CM 2



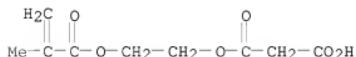
L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[[[2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-dimethylethyl)hydrazinyl]carbonyloxy]methyl] ester
MF C23 H23 Cl N2 O8
CI COM



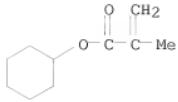
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester, polymer with cyclohexyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate
MF (C10 H16 O2 . C9 H12 O6 . C5 H8 O2)x
CI PMS

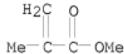
CM 1



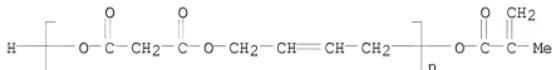
CM 2



CM 3

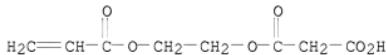


L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Poly[oxy(1,3-dioxo-1,3-propanediyl)oxy-2-butene-1,4-diyl],
 α -hydro- ω -[(2-methyl-1-oxo-2-propenyl)oxy]- (9CI)
 MF (C₇ H₈ O₄)_n C4 H6 O2
 CI PMS, COM



L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, tridecyl ester, polymer with dodecyl
 2-propenoate and 2-hydroxyethyl 2-propenoate,
 $2-[(1\text{-oxo-2-propenyl})\text{oxy}] \text{ethyl propanedioate}$ (9CI)
 MF (C₁₇ H₃₂ O₂ . C₁₅ H₂₈ O₂ . C₅ H₈ O₃)_x . x C₈ H₁₀ O₆

CM 1

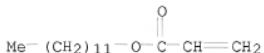


CM 2

CM 3



CM 4

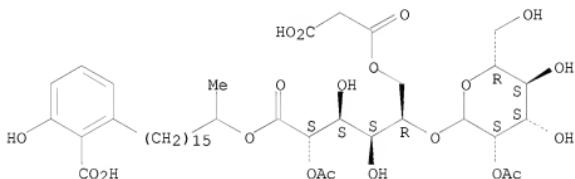


CM 5



L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN D-Mannonic acid, 5-O-(2-O-acetyl-D-mannopyranosyl)-,
16-(2-carboxy-3-hydroxyphenyl)-1-methylhexadecyl ester, 2-acetate
6-(hydrogen propanedioate)
MF C43 H66 O20

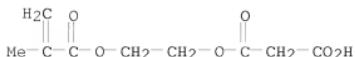
Absolute stereochemistry. Rotation (-).
Currently available stereo shown.



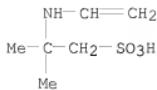
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, mono[2-[(2-methyl-1-oxo-2-propenyl)oxylethyl] ester,
polymer with 2-(ethenylamino)-2-methyl-1-propanesulfonic acid and methyl
2-propenoate (9CI)
MF (C₉ H₁₂ O₆ . C₆ H₁₃ N O₃ S . C₄ H₆ O₂)_x
CI PMS

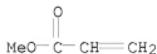
CM 1



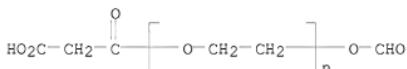
CM 2



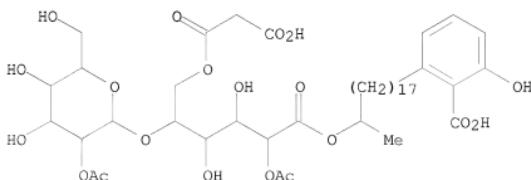
CM 3



L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Poly(oxy-1,2-ethanediyl), α -(carboxyacetyl)- ω -(formyloxy)-
(9CI)
MF (C2 H4 O)n C4 H4 O5
CI PMS



L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Hexonic acid, 5-O-(2-O-acetylhexopyranosyl)-,
18-(2-carboxy-3-hydroxyphenyl)-1-methyloctadecyl ester, 2-acetate
6-(hydrogen propanedioate) (9CI)
MF C45 H70 O20



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

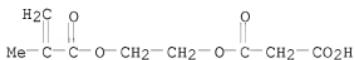
L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester
MF C9 H12 O6
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

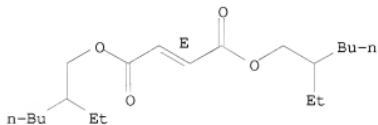
L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2-Butenedioic acid (2E)-, bis(2-ethylhexyl) ester, polymer with
ethenylbenzene, 2,5-furandione and 2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl
hydrogen propanedioate (9CI)
MF (C20 H36 O4 . C9 H12 O6 . C8 H8 . C4 H2 O3)x
CI PMS

CM 1



CM 2

Double bond geometry as shown.



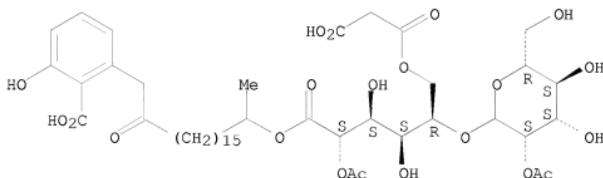
CM 3





L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN D-Mannonic acid, 5-O-(2-O-acetyl-D-mannopyranosyl)-,
 18-(2-carboxy-3-hydroxyphenyl)-1-methyl-1⁷-oxooctadecyl ester, 2-acetate
 6-(hydrogen propanedioate)
 MF C45 H68 O21

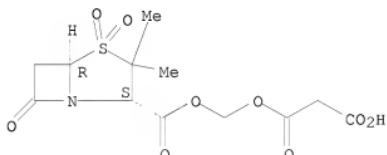
Absolute stereochemistry. Rotation (-).
 Currently available stereo shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanedioic acid, mono{[(3,3-dimethyl-4,4-dioxido-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl)carbonyloxy]methyl} ester, (2S-cis)- (9CI)
 MF C12 H15 N O9 S
 CI COM

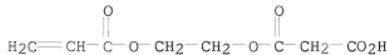
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

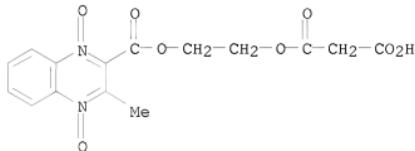
L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Propanedioic acid, 1-[2-((1-oxo-2-propen-1-yl)oxy)ethyl] ester

MF C8 H10 O6
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

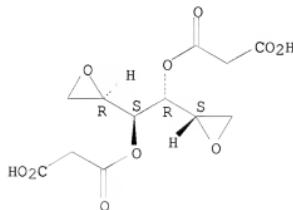
L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Propanedioic acid, 1-[2-[(3-methyl-1,4-dioxido-2-
quinoxalinyl)carbonyloxy]ethyl] ester
MF C15 H14 N2 O8
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Galactitol, 1,2:5,6-dianhydro-, bis(hydrogen propanedioate) (9CI)
MF C12 H14 O10

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

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=> logoff hold
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          3.22          207.64

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE      TOTAL
                                                ENTRY        SESSION
CA SUBSCRIBER PRICE           0.00          -0.80
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SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:30:58 ON 30 DEC 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x::x

LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 11:24:17 ON 30 DEC 2008
FILE 'REGISTRY' ENTERED AT 11:24:17 ON 30 DEC 2008
COPYRIGHT (C) 2008 American Chemical Society (ACS)

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COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          3.22          207.64

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE      TOTAL
                                                ENTRY        SESSION
CA SUBSCRIBER PRICE           0.00          -0.80
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FULL ESTIMATED COST          3.68          208.10

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE      TOTAL
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CA SUBSCRIBER PRICE           0.00          -0.80
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FILE 'REGISTRY' ENTERED AT 11:25:07 ON 30 DEC 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 29 DEC 2008 HIGHEST RN 1091682-77-7
DICTIONARY FILE UPDATES: 29 DEC 2008 HIGHEST RN 1091682-77-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

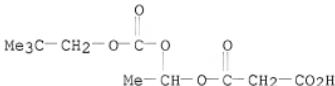
<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary
files\10531382\10531382 phthalidyl.str

L9 STRUCTURE UPLOADED

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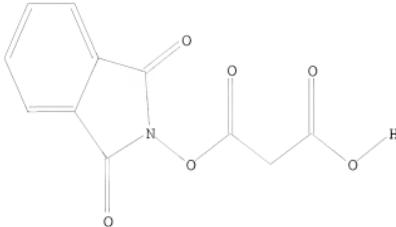
L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN 683251-37-8 REGISTRY
ED Entered STN: 19 May 2004
CN Propanedioic acid, 1-[1-[(2,2-dimethylpropoxy)carbonyl]oxy]ethyl] ester (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propanedioic acid, mono[1-[(2,2-dimethylpropoxy)carbonyl]oxy]ethyl] ester
(9CI)
MF C11 H18 O7
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 19
L9 HAS NO ANSWERS
L9 STR



Structure attributes must be viewed using STN Express query preparation.

=> search 19 sss sam

SAMPLE SEARCH INITIATED 11:25:58 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 83 TO ITERATE

100.0% PROCESSED 83 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1114 TO 2206
PROJECTED ANSWERS: 0 TO 0

L10 0 SEA SSS SAM L9

=> search 19 sss full

FULL SEARCH INITIATED 11:26:06 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1151 TO ITERATE

100.0% PROCESSED 1151 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

L11 0 SEA SSS FUL L9

=> logoff hold

COST IN U.S. DOLLARS

| | SINCE FILE | TOTAL |
|---------------------|------------|---------|
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 185.88 | 393.98 |

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

| | SINCE FILE | TOTAL |
|---------------------|------------|---------|
| | ENTRY | SESSION |
| CA SUBSCRIBER PRICE | 0.00 | -0.80 |

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 11:32:47 ON 30 DEC 2008